

Attorney's Docket No. 9013-19

IN THE UNITED STATES DESIGNATED OFFICE (DO/US)

In re: Application of Houslay et al.
Serial No.: to be assigned
Filed: concurrently herewith
For: POLYNUCLEOTIDE SEQUENCING METHOD AND KITS THEREFOR

Date: August 25, 2000

BOX PCT
Commissioner for Patents
Washington, DC 20231

PRELIMINARY AMENDMENT

Dear Sirs:

Prior to the examination of the above application, please enter the following amendment.

In the Claims:

4. (Amended) The method according to [any preceeding] claim 1 wherein the polynucleotide is cleaved with two or more of said restriction enzymes.

5. (Amended) The method according to [any preceeding] claim 1 wherein the recessed 3'-ends are filled in by employing a DNA polymerase and a mixture of deoxynucleotide triphosphates containing dATP, dCTP, dGTP and dTTP, so as to generate substantially blunt-ends.

7. (Amended) The method according to [any proceeding] claim 1 wherein the blunt-ended fragments possess a single adenine 3'-overhang and the cloning of said fragments is facilitated using a cleaved vector comprising single thymidine 5'-overhangs at the cleavage site.

8. (Amended) The method according to [any proceeding] claim 1 wherein the pairing of the matching ends and ordering of the fragments into a